















S3240

Remotely Managed NID (Network Interface Device)

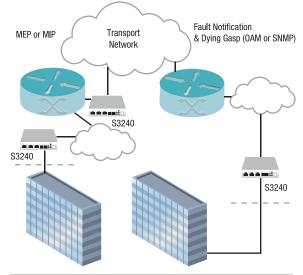




Features

- ▶ 802.3ah Link OAM
- ▶ 802.1ag Services OAM
- ▶ ITU Y.1731
- ▶ Redundant Power AC/DC
- ▶ 10K Jumbo Frame Support
- ▶ IP-Based Remote Management
- ▶ AutoCross[™]
- ▶ Auto-Negotiation
- ▶ Pause
- ▶ Remote Loopback
- ▶ Field Upgradeable Firmware
- ▶ IEEE 802.1p QoS packet classification
- ▶ Ipv4 IP TOS, DiffDerv and IPv6 traffic class QoS classification
- ▶ IEEE 802.1q VLAN and double VLAN tagging with 4096 VIDs
- ▶ DHCP client
- ▶ SNTP
- ▶ TFTP
- ▶ IEEE 802.1x Port based security
- ▶ RADIUS client
- ▶ RMON counters for each port
- ▶ Bandwidth profiling
- ▶ DMI Optical Management
- ▶ Cable diagnostic function for TP ports
- ▶ SSH
- ▶ Telnet
- ▶ Command Line Interface (CLI)
- ▶ Web management
- ▶ Focal Point Management
- ▶ SNMP v1 & v2c (v3 via firmware upgrade)
- ▶ USB port for basic setup
- ▶ Management VLAN

Complete End to End Visibility



Standard	Access	Core	Access	OAM
MEF & ITU-T	-		\longrightarrow	Service
802.1ag, Y.1731				Connectivity
IEEE	\leftrightarrow		\leftrightarrow	Link

Remote Troubleshooting and Diagnostics 802.3ah, 802.1ag, Y.1731, SNMP traps, Provider Visibility & Control

Specifications

Standards	IEEE Std. 802.3, IEEE Std. 802.3ah, IEEE Std 802.1P, IEEE Std. 802.1Q, IEEE Std. 802.1X		
Data Rate	Copper: 10/100/1000 Mbps Fiber: 100/1000 Mbps*		
Filtering Address	8 K MAC Addresses		
Max Frame Size	10,240 bytes		
Dimensions	Width: 5.53" [140 mm] Depth: 6.5" [165 mm] Height: 1.75" [44 mm]		
Power	Inputs: Redundant 18-57VDC 100-240VAC external power supply		
Operating Temperature	-10°C to 65°C		
Altitude	0-10,000 ft.		
Operating Humidity	5-95% (non-condensing)		
Shipping Weight	4.0 lbs. [1.81 kg]		
Regulatory Compliance	EN55022 Class A, EN55024, UL60950, CE Mark		
Warranty	Lifetime		

*SFP Ports support SGMII for use with 10/100/1000BASE-T copper SFPs

Ordering Info

S3240

(3) 10/100/1000BASE-T (RJ-45) [100 m] to (2) 100/1000Base-X Open SFP Slots

Optional Accessories (sold separately) SFP Modules

Mounting Options

S3240-RMS

19" Rack Mount Kit for single S3240 in 1RU

S3240-RMD

19" Rack Mount Kit for (2) S3240s in 1RU

Applications

- ▶ Ethernet in the First Mile (EFM)
- ▶ Fiber-to-the-Premise (FTTP)
- ▶ E-Line Services
- ▶ Enterprise Markets

